

Claims

1. Transaction device comprising a station (2) capable of carrying out a transaction and an apparatus (32) capable of setting up a wireless communication network with one or more mobile terminals (34), based on a connection protocol, as well as a communication with the station (2), characterised in that the apparatus (32) is contrived with a perimeter (36) selected to cover a determined zone, close to the station (2), whereas the connection protocol is contrived to allow the initial exchange of an identity information (IDS) transmitted by a mobile terminal present in this zone against a unique temporary code (IDT), such exchange being followed by the launch of a background function allowing the preparation of at least part of a transaction on the basis of the identity information (IDS), and in that the station (2) is capable, upon presentation of the unique temporary code (IDT), of recovering then completing as required and validating the transaction.
2. Transaction device according to claim 1, characterised in that the station (2) is contrived to form part of a wireless communication network of the said apparatus (32).
3. Transaction device according to either of claims 1 or 2, characterised in that the apparatus (32) is contrived to operate according to a short-range radio communication standard.
4. Transaction device according to one of the preceding claims, characterised in that the apparatus (32) is contrived to operate according to the WiFi standard.
5. Transaction device according to one of the preceding claims, characterised in that the apparatus (32) is contrived to operate according to the Bluetooth or NFC standard.

6. Transaction device according to one of the preceding claims, characterised in that the background function is launched upon receipt of a message or through the communication apparatus (32).
7. Transaction device according to one of the preceding claims, characterised in that the background function is implanted at least in part in the station (2) or in a local network of which the station (2) forms part.
8. Transaction device according to one of the preceding claims, characterised in that the background function is implanted at least in part in the apparatus (32).
9. Transaction device according to one of the preceding claims, characterised in that it comprises a communication unit capable of allowing a communication with a remote server (24), and in that the preparation of a transaction comprises at least one verification linked to the said identity information (IDS), and carried out by interrogation of the remote server (24).
10. Transaction device according to claim 9, characterised in that since the non-prepared part of the transaction comprises a financial element, the interrogation of the remote server (24) comprises a credit verification linked to the identity information (IDS).
11. Transaction device according to claim 10, characterised in that the interrogation of the remote server comprises a credit verification for an amount linked at least in part to a class of transactions carried out by the station (2) and to the identity information (IDS).
12. Transaction device according to either of claims 9 or 10, characterised in that the interrogation of the remote server (24) comprises a credit

verification for an amount defined by complementary data established during the initial exchange.

13. Transaction device according to one of the preceding claims, characterised in that the transaction comprises a cash withdrawal.
14. Transaction device according to one of the preceding claims, characterised in that the transaction is a commercial transaction.
15. Transaction device according to one of the preceding claims, characterised in that the transaction is of the access control type.
16. Transaction device according to one of the preceding claims, characterised in that the presentation of the unique temporary code (IDT) to the station (2) is carried out from the mobile terminal (34).
17. Transaction device according to one of the preceding claims, characterised in that the station (2) comprises a verification function (60) capable of comparing the value of the unique temporary code (IDT) presented with a value of the reference unique temporary code (IDT) and whose result is a condition of validation of the transaction.
18. Transaction device according to claim 17, characterised in that the station (2) further comprises an interrogation function contrived to set up as the value of the reference unique temporary code (IDT) a value of the unique temporary code (IDT) recorded in a memory of the mobile terminal (34).
19. Transaction device according to one of the preceding claims, characterised in that the station (2) comprises a capture element for presentation of the unique temporary code (IDT).

20. Transaction device according to claim 17, characterised in that the value of the reference unique temporary code (IDT) is transmitted by the mobile terminal (34).
21. Transaction device according to one of the preceding claims, characterised in that presentation of the unique temporary code (IDT) to the station (2) is carried out from the mobile terminal (34) through the same wireless communication network.
22. Transaction device according to one of the preceding claims, characterised in that it comprises a monitor function (55) capable of cancelling a transaction prepared according to a selected expiry criterion.